

## **MOST COMMON DISAPPROVALS**

- ◆ Scope of work not clearly defined.
- ◆ Incomplete Plans and Calculations.
- ◆ Encroachments into required yard setbacks.
- ◆ Site conditions not addressed. (Soils conditions, Bluff Preservation Area, Disabled Access, related Planning and Zoning requirements).
- ◆ Permits and Inspection card not available on site.
- ◆ No access.
- ◆ Work concealed.
- ◆ Not ready for inspection.
- ◆ Work not according to approved plans.
- ◆ Paperwork missing: Special inspection reports, compaction tests, energy compliance forms.



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## **DEVELOPMENT DEPARTMENT**

### **Telephone Numbers**

Permit Center Administration	621-8084
Inspection Services Administration	621-8116
Plumbing & Mechanical Inspections	621-8151

## **CITY OF FRESNO**

**PLANNING AND DEVELOPMENT  
DEPARTMENT**

**Building  
&  
Safety Services Division**

## **Residential Plumbing Final Inspection**



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## **RESIDENTIAL PLUMBING** **FINAL INSPECTION**

This checklist is intended for use to prepare for an inspection. This list is general in nature and not intended to address all possible conditions that may be encountered on your project. References are to the 2001 California Building (CBC), Fire (CFC), and Plumbing (CPC) Codes.

### **Permits and Plans**

- Job address is posted in a visible location. (CBC-502)
- Permit and approved plans are on site and accessible to the inspector. (CBC 106.4.0, 108.2)
- Permit information is correct (address, permit number, scope of work, etc.)
- Confirm on OTC (over the counter) and E-permits only, that all plumbing fixtures are included.
- When a separate sewer or septic permit are is required, confirm that it has been signed off.
- Review the notes from previous plumbing inspections to see everything is complete.
- When an irrigation system is installed, check to see that it has been signed off, see checklist for irrigation DCVA (double check valve assemble).
- If the plumbing has a fire sprinkler system, it is required to have adequate backflow prevention. Verify that it has been tested and sign off.

### **Plumbing Vents**

- Plumbing vents extend at least 6" above the roof and are 10' away or 3' above windows or other openings or intakes (ie. Evaporative coolers) that open. Verify that it has been tested and signed off.



### **Hose Bibbs**

- All hose bibbs have non-removable vacuum breakers of a self-draining type. Clothes washers and water heater drains do not require vacuum breakers. (CPC 603.4.7)

### **Electrical Water Heaters**

- Temperature and pressure relief valve to be installed in an approved location on the water heater (CPC 506.2)
- The drain from the relief valve must be able to drain by gravity. No part of drain to be trapped. (CPC 608.0)
- The pipe for the drain to be hard and full sized; drawn copper, galvanized steel or PVC. (CPC 608.5)
- The drain terminates outside the building 6"-24" above grade at a soldered/glued elbow turned down as needed to direct the flow toward the ground or terminated at an approved drain. It may not be directly connected to a sanitary sewer. (CPC 608.5)
- Water heaters located in a garage need to be raised so that the source of ignition is at least 18" above the floor. (CPC 510.1)
- Seismic strapping, install minimum of two straps, 1 in lower 1/3 and 1 in upper 1/3 and ¾" wide. Straps to be 22 gauge metal with each strap lag bolted onto two different studs. (CPC 510.5)
- A water heater when installed in the normal path of a vehicle requires protection in the form of a wheel stop or bollard or by elevating. (CPC 510.3)
- For water heaters in attics, attic-ceiling assembly, floor-ceiling assembly, or floor-subfloor assembly where damage may result from a leaking water heater, a watertight pan of corrosion-resistant material is installed with a ¾" drain that is piped to an approved location. (CPC 510.7)

### **Plumbing Fixtures, Caulking, and Drains**

- Run water at all fixtures and check for leaks. (CPC 103.5.3/103.5.3.7)
- Fixture hot water control located on the left-hand side of the fixture or per manufacturer's installation instructions. On soaking tubs, the hot water control is required on the left side as seen from inside of the tub. (CPC 416)
- Hand-held sprayers at soaking tub valves default to the spout or are protected by other approved backflow device. (CPC 602.1)
- Motors on jetted tubs require access. (CPC 415.1)
- All fixtures caulked. (CPC 408.2)
- Water closets require a minimum 24" clear space in front and 15" measured from the centerline of toilets to the finished wall on either side. (CPC 408.6)

- Shower door openings require a minimum 22" clear opening. (CPC 412.6)

### **Dishwashers**

- Dishwashers require an air gap. (CPC 807.4)
- Dishwashers are to be anchored to the countertop, typically with 2 screws. (CPC 314.5 and manufacturer's installation instructions)

